

Arizona Administrative Code
Title 18, Chapter 9
Table 1, Unit Daily Design Flows

Type of Facility Served	Applicable Unit	Sewage Design Flow per Applicable Unit, Gallons Per Day
Airport	Passenger (avg daily number)	4
	Employee	15
Apartment Building	Resident (if max number fixed)	100
1 bedroom	Apartment	200
2 bedroom	Apartment	300
3 bedroom	Apartment	400
4 bedroom	Apartment	500
Autowash	Facility	Per manufacturer, if consistent with this Chapter
Bar/Lounge	Seat	30
Barber Shop	Chair	35
Beauty Parlor	Chair	100
Bowling Alley (snack bar only)	Lane	75
Camp		
Day camp, no cooking facilities	Camping unit	30
Campground, over night, flush toilets	Camping unit	75
Campground, overnight, flush toilets and shower	Camping unit	150
Campground, luxury	Per person	100-150
Camp, youth, summer or seasonal	Per person	50
Church		
Without kitchen	Person (maximum attendance)	5
With kitchen	Person (maximum attendance)	7
Country club	Resident member	100
	Nonresident member	10
Dance hall	Patron	5
Dental Office	Chair	500
Dog Kennel	Animal, maximum occupancy	15
Hospital		
All flows	Bed	250
Kitchen waste only	Bed	25
Laundry waste only	Bed	40
Hotel/motel		
Without kitchen	Bed (2 person)	50
With kitchen	Bed (2 person)	60
Industrial Facility		
Without showers	Employee	25
With showers	Employee	35
Cafeteria, add	Employee	5
Institutions		
Resident	Per person	75
Nursing home	Per person	125
Rest home	Per person	125
Laundry		
Self service	Wash cycle	50
Commercial	Washing machine	per manufacturer, if consistent with this Chapter.
Office Building	Employee	20

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Type of Facility Served	Applicable Unit	Sewage Design Flow per Applicable Unit, Gallons Per Day
Park		
Picnic, with showers, flush toilets	Parking space	40
Picnic with flush toilets only	Parking space	20
Recreational vehicle, no water or sewer connections	Vehicle space	75
Recreational vehicle, with water and sewer connections	Vehicle space	100
Mobile home/trailer	Space	250
Residence		
Dwelling, per person (for sewer collection system design only)	Per person	100
Dwelling, single family	Dwelling (3 bedroom assumed)	450
Dwelling, per bedroom if count available	Bedroom	150
Dwelling, per fixture if count available	Fixture unit	25
Mobile home, family	Home lot	250
Mobile home, adults only	Home lot	150
Seasonal and summer	Resident	100
Restaurant/cafeteria	Employee	20
With toilet, add	Customer	7
Kitchen waste, add	Meal	6
Garbage disposal, add	Meal	1
Cocktail lounge, add	Customer	2
Kitchen waste disposal service, add	Meal	2
Restroom, public	Toilet	200
School		
Staff and office	Per person	20
Elementary, add	Student	15
Middle and High, add	Student	20
With gym and showers, add	Student	5
With cafeteria, add	Student	3
Boarding, total flow	Person	100
Service station with toilets	First bay	1000
	Each additional bay	500
Shopping center, no food or laundry	Square foot of retail space	0.1
Store	Employee	20
Public restroom, add	Square foot of retail space	0.1
Swimming pool, public	Person	10
Theater		
Indoor	Seat	5
Drive-in	Car space	10

NOTE: Unit flow rates published in standard texts, literature sources or relevant area or regional studies shall be considered by the Department, if appropriate to the project.